Index of Claims



Application No.

09/442,353

Examiner

Julie-Huyen L. Ngo

Applicant(s)

KIKKAWA ET AL.

Art Unit

2871

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| ı | Interference |

| A | Appeal   |
|---|----------|
| o | Objected |

|                                             |                                        | L              | L            |                                                  |              |                                                  | J            |              |          | L         |  |  |  |  |
|---------------------------------------------|----------------------------------------|----------------|--------------|--------------------------------------------------|--------------|--------------------------------------------------|--------------|--------------|----------|-----------|--|--|--|--|
| Cir                                         | Claim                                  |                |              | Date                                             |              |                                                  |              |              |          |           |  |  |  |  |
|                                             |                                        | <del> </del> - | г-           | 1                                                | Г            | uat<br>T                                         | Ī            | 1-           | ι        | H         |  |  |  |  |
|                                             | Original                               | < 4/15/04      |              | 1                                                |              |                                                  |              | 1            |          |           |  |  |  |  |
| Final                                       | ğ                                      | 15             |              |                                                  |              |                                                  |              |              | l        |           |  |  |  |  |
| "                                           | ŏ                                      | 4              |              |                                                  |              |                                                  |              |              |          |           |  |  |  |  |
| <u> </u>                                    |                                        | <del>├.</del>  | <del> </del> | <u> </u>                                         | <u> </u>     | ⊢                                                | ├            | _            |          | Н         |  |  |  |  |
| ļ                                           | 1                                      | 1              | _            |                                                  | ļ            |                                                  | -            | ļ            |          | $\vdash$  |  |  |  |  |
|                                             | 2                                      | I √            | ļ            | <u> </u>                                         | <u> </u>     | -                                                | <u> </u>     | <u> </u>     | ļ        | Н         |  |  |  |  |
|                                             | 1 2                                    | ╙              | <u> </u>     |                                                  | L.           | ₩                                                | <u> </u>     | <u> </u>     | _        | Ш         |  |  |  |  |
|                                             | 7                                      | L              | ┡            | <b> </b> _                                       | -            | ļ                                                | ļ            | ļ            | _        |           |  |  |  |  |
|                                             | 5                                      |                | <u> </u>     |                                                  | _            | <u> </u>                                         |              | <u> </u>     | _        |           |  |  |  |  |
|                                             | 5<br>6<br>7<br>8<br>9                  |                | L            | <u> </u>                                         | _            | _                                                |              | _            | <u> </u> |           |  |  |  |  |
|                                             | 7                                      | L              | L            |                                                  |              | <u> </u>                                         | <u> </u>     | <u> </u>     | <u> </u> |           |  |  |  |  |
|                                             | 8                                      | >>22>>>        | <u> </u>     | <u> </u>                                         | L            | <u> </u>                                         |              | L            | _        |           |  |  |  |  |
|                                             | 9                                      | √              | <u> </u>     |                                                  | ļ            | ļ                                                | <u> </u>     |              |          |           |  |  |  |  |
|                                             | 10<br>11<br>12<br>13<br>14<br>15       | M              | L            |                                                  | ļ            | ļ                                                | L            | <u> </u>     | <u> </u> |           |  |  |  |  |
|                                             | 11                                     | Ν              |              | _                                                | $oxed{oxed}$ |                                                  | _            |              |          | Ш         |  |  |  |  |
|                                             | 12                                     | √              |              |                                                  | L            | <u> </u>                                         | <u> </u>     |              | <u> </u> |           |  |  |  |  |
|                                             | 13                                     | √              |              |                                                  | <u></u>      |                                                  |              |              |          |           |  |  |  |  |
|                                             | 14                                     | √              |              |                                                  |              |                                                  |              |              |          |           |  |  |  |  |
|                                             | 15                                     |                |              |                                                  |              |                                                  |              |              |          |           |  |  |  |  |
|                                             | 16                                     | Ĺ              |              |                                                  | L            |                                                  |              |              |          |           |  |  |  |  |
|                                             | 17                                     |                |              |                                                  |              | [                                                | Г            | Π            |          |           |  |  |  |  |
|                                             | 17<br>18<br>19                         |                |              |                                                  |              |                                                  |              |              |          |           |  |  |  |  |
|                                             | 19                                     |                |              |                                                  |              |                                                  |              | 1            |          |           |  |  |  |  |
|                                             | 20<br>21<br>22<br>23                   | Г              |              |                                                  |              | Т                                                |              |              |          | П         |  |  |  |  |
|                                             | 21                                     |                |              |                                                  |              | T                                                | <u> </u>     |              |          | П         |  |  |  |  |
|                                             | 22                                     |                |              |                                                  |              |                                                  |              |              |          | П         |  |  |  |  |
|                                             | 123                                    | -              | _            |                                                  |              |                                                  |              |              | -        | Н         |  |  |  |  |
|                                             | 24                                     |                | $\vdash$     | <del>                                     </del> |              |                                                  |              |              |          | Н         |  |  |  |  |
|                                             | 24<br>25<br>26<br>27<br>28<br>29<br>30 | 1              |              |                                                  |              | <b>-</b>                                         |              | <u> </u>     |          | Н         |  |  |  |  |
|                                             | 26                                     | 1              | <u> </u>     | -                                                |              | ┢                                                | _            |              | -        | Н         |  |  |  |  |
|                                             | 27                                     | J              |              | $\vdash$                                         |              |                                                  | $\vdash$     |              | <u> </u> | Н         |  |  |  |  |
|                                             | 28                                     | √<br>√<br>√    |              | $\vdash$                                         |              |                                                  |              |              |          | $\Box$    |  |  |  |  |
|                                             | 29                                     | Ť              |              |                                                  | $\vdash$     |                                                  |              |              | -        |           |  |  |  |  |
|                                             | 30                                     |                |              |                                                  | $\vdash$     | $\vdash$                                         |              |              |          |           |  |  |  |  |
|                                             | 31                                     |                |              | $\vdash$                                         | -            |                                                  | $\vdash$     |              | $\vdash$ |           |  |  |  |  |
|                                             | 32                                     | -              |              |                                                  | $\vdash$     |                                                  |              |              |          |           |  |  |  |  |
|                                             | 31<br>32<br>33                         |                |              | -                                                | $\vdash$     |                                                  |              |              |          |           |  |  |  |  |
|                                             | 34                                     | -              | H            |                                                  | $\vdash$     |                                                  |              |              |          | $\forall$ |  |  |  |  |
|                                             | 34<br>35                               | $\vdash$       |              | $\vdash$                                         | <del> </del> | -                                                | -            | <del> </del> |          | H         |  |  |  |  |
| $\vdash$                                    | 36                                     | -              | H            | <u> </u>                                         | $\vdash$     |                                                  |              | H            |          | Н         |  |  |  |  |
|                                             | 37                                     | <del></del>    |              |                                                  | <del> </del> |                                                  |              | _            |          | Н         |  |  |  |  |
|                                             | 38                                     | $\vdash$       | _            | -                                                | -            |                                                  | ┢            |              |          | Н         |  |  |  |  |
|                                             | 39                                     | -              |              |                                                  |              |                                                  | <del> </del> |              |          |           |  |  |  |  |
| $\vdash$                                    | 40                                     | -              |              | -                                                |              |                                                  | -            |              |          | -         |  |  |  |  |
|                                             | 41                                     | -              |              | _                                                |              | -                                                |              |              |          |           |  |  |  |  |
|                                             | 42                                     | H              |              | -                                                |              | -                                                |              | $\vdash$     |          | Н         |  |  |  |  |
| <b></b>                                     | 43                                     |                | _            | -                                                |              | <del>                                     </del> |              | $\vdash$     |          | $\dashv$  |  |  |  |  |
| <del>  </del>                               | 44                                     | $\vdash$       |              |                                                  | <u> </u>     |                                                  | <u> </u>     | $\vdash$     |          | Н         |  |  |  |  |
| $\vdash$                                    | 45                                     |                |              | -                                                | _            | $\vdash$                                         | <u> </u>     |              |          | $\dashv$  |  |  |  |  |
|                                             |                                        |                | $\vdash$     | _                                                |              | $\vdash$                                         | <u> </u>     |              |          | $\dashv$  |  |  |  |  |
| <del>  </del>                               | 46                                     |                | -            |                                                  | L            |                                                  | H            |              |          | Н         |  |  |  |  |
| <del>  </del>                               | 47                                     |                |              |                                                  |              | H                                                | <u> </u>     |              | <u> </u> | $\sqcup$  |  |  |  |  |
| $\vdash \vdash \mid$                        | 48                                     |                |              |                                                  |              | Ш                                                |              |              |          | Ш         |  |  |  |  |
|                                             | 49                                     | L.,            |              |                                                  |              |                                                  | L.,          |              |          |           |  |  |  |  |
| $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}$ | 50                                     | L.,            |              |                                                  |              |                                                  |              |              |          |           |  |  |  |  |

| Claim    |          | Date     |          |          |          |          |              |              |                                                  |                                                  |  |  |
|----------|----------|----------|----------|----------|----------|----------|--------------|--------------|--------------------------------------------------|--------------------------------------------------|--|--|
| ١.       | l l      |          |          |          |          |          |              |              |                                                  | Г                                                |  |  |
| Final    | Original |          |          |          |          |          |              |              |                                                  |                                                  |  |  |
| ≟        | ij       |          |          |          | l        | ŀ        | l            |              |                                                  | l                                                |  |  |
| i        | 0        |          |          |          | 1        | İ        |              |              |                                                  |                                                  |  |  |
|          | 51       |          |          |          |          |          |              |              | m                                                | $\vdash$                                         |  |  |
| <u> </u> | 51<br>52 |          |          |          | ·        |          | <u> </u>     | <u> </u>     | <del>                                     </del> | <b></b>                                          |  |  |
|          | 53       |          | -        |          |          |          | <del> </del> |              | 1                                                | <u> </u>                                         |  |  |
|          | 54       |          |          |          |          |          |              |              | $\vdash$                                         | $\vdash$                                         |  |  |
|          | 55       |          |          | _        | $\vdash$ | _        | $\vdash$     | T            | $\vdash$                                         | $\vdash$                                         |  |  |
|          | 56       |          |          |          |          |          |              |              |                                                  | <u> </u>                                         |  |  |
|          | 57       | _        | _        | _        |          |          | $\vdash$     |              | ╁                                                | _                                                |  |  |
|          | 58       | -        |          |          | -        | $\vdash$ | $\vdash$     | ┢            | $\vdash$                                         | 1                                                |  |  |
|          | 59       |          |          | $\vdash$ |          |          | $\vdash$     | -            | ╁                                                | <u> </u>                                         |  |  |
|          | 60       | -        |          | -        | -        | -        |              | <del> </del> |                                                  | <del> </del>                                     |  |  |
|          | 61       |          | -        |          | -        | -        | -            |              | H                                                |                                                  |  |  |
| $\vdash$ | 62       | $\vdash$ | $\vdash$ | -        | $\vdash$ |          | -            | $\vdash$     | $\vdash$                                         |                                                  |  |  |
|          | 63       |          | -        |          |          |          |              | -            | $\vdash$                                         | _                                                |  |  |
|          | 64       |          |          |          |          | -        | -            | $\vdash$     | -                                                | <del>                                     </del> |  |  |
|          | 65       | -        |          | -        |          |          |              | ├─           | ├                                                | ╁                                                |  |  |
|          | 66       | $\vdash$ |          | -        |          | -        |              |              |                                                  | <del> </del> —                                   |  |  |
|          | 67       |          | _        | -        | $\vdash$ | <u> </u> | $\vdash$     | ├            | ├—                                               |                                                  |  |  |
|          | 68       |          |          |          | -        | -        | -            |              | -                                                | -                                                |  |  |
|          | 69       |          | -        | _        | $\vdash$ | $\vdash$ | $\vdash$     | -            |                                                  | -                                                |  |  |
|          |          |          | _        |          |          | ├—       |              |              |                                                  |                                                  |  |  |
| ļ        | 70       |          |          |          |          |          |              | _            | _                                                |                                                  |  |  |
|          | 71       |          |          |          | <u> </u> |          |              | -            |                                                  |                                                  |  |  |
| ļ        | 72       |          | _        | -        | ļ        | <u> </u> | _            | _            | ▙                                                | _                                                |  |  |
|          | 73<br>74 |          |          |          |          |          |              | <u> </u>     | <u> </u>                                         |                                                  |  |  |
|          | 74       |          |          |          |          |          | _            |              | _                                                |                                                  |  |  |
|          | 75       |          |          |          |          |          | <u> </u>     |              | L                                                | _                                                |  |  |
|          | 76<br>77 |          |          |          |          |          |              |              |                                                  | _                                                |  |  |
|          | 77       |          |          |          | L        |          | ļ            | <u> </u>     | _                                                | _                                                |  |  |
| ļ        | 78<br>79 |          |          |          | ļ        | ļ        | ļ            | _            |                                                  | _                                                |  |  |
|          | 79       |          |          |          |          |          | <u> </u>     | <u> </u>     |                                                  |                                                  |  |  |
|          | 80       |          |          |          |          |          | _            | <u> </u>     | _                                                |                                                  |  |  |
|          | 81       |          |          |          |          |          | <u> </u>     | _            |                                                  | ļ                                                |  |  |
|          | 82       |          |          |          |          |          |              |              |                                                  | _                                                |  |  |
|          | 83       |          |          |          | _        |          |              |              | L                                                | <u> </u>                                         |  |  |
|          | 84       |          |          |          |          | _        |              |              | _                                                | L_                                               |  |  |
|          | 85       |          |          |          | _        |          |              |              |                                                  |                                                  |  |  |
| L        | 86       |          |          |          |          | ļ        | ļ            |              |                                                  |                                                  |  |  |
| <u> </u> | 87       |          | L.       |          | L        |          | <u> </u>     |              |                                                  |                                                  |  |  |
| L        | 88       |          |          |          |          | L        |              |              |                                                  |                                                  |  |  |
|          | 89       |          |          |          | L        | L        |              |              |                                                  |                                                  |  |  |
|          | 90       |          |          |          |          | L.,      |              |              |                                                  |                                                  |  |  |
|          | 91       |          |          |          | ļ,       |          |              |              | L.,                                              |                                                  |  |  |
|          | 92       |          |          |          |          |          |              |              |                                                  |                                                  |  |  |
|          | 93       |          |          |          |          |          |              |              |                                                  |                                                  |  |  |
|          | 94       |          |          |          |          |          |              |              |                                                  |                                                  |  |  |
|          | 95       |          |          |          |          |          |              |              |                                                  | L.                                               |  |  |
|          | 96       |          |          |          |          |          |              |              |                                                  |                                                  |  |  |
|          | 97       | ]        |          |          |          |          |              |              |                                                  |                                                  |  |  |
|          | 98       |          |          | ]        |          |          |              |              |                                                  |                                                  |  |  |
|          | 99       |          |          |          |          |          |              |              |                                                  |                                                  |  |  |
|          |          |          |          |          |          |          |              |              | . –                                              | . —                                              |  |  |

100

| Cla       | Date              |          |          |        |    |          |          |              |                |                 |
|-----------|-------------------|----------|----------|--------|----|----------|----------|--------------|----------------|-----------------|
| Final     | Original          |          |          |        |    |          |          |              |                |                 |
|           | 101               |          |          |        |    |          |          |              |                |                 |
|           | 102               |          |          |        |    |          |          |              |                |                 |
|           | 103               |          |          |        |    |          |          |              |                |                 |
|           | 104<br>105        |          |          |        |    |          |          |              |                |                 |
|           | 105               |          | <u> </u> |        |    | <u> </u> |          |              |                |                 |
|           | 106               |          | L        |        |    | <u> </u> |          | <u> </u>     |                |                 |
|           | 107               |          |          | _      |    | <u> </u> | <u>_</u> |              |                |                 |
|           | 108               | <u> </u> |          | _      | ļ  |          |          |              |                |                 |
|           | 109               | ļ        |          |        |    | ļ        | <u> </u> | -            |                | $\vdash$        |
|           | 110<br>111        | _        | _        | _      |    | _        | <u> </u> | <del> </del> |                |                 |
| $\vdash$  | 111               | <u> </u> | -        |        |    | -        |          | <del> </del> |                |                 |
| <u> </u>  | 112<br>113        | H :      | -        |        |    | $\vdash$ | $\vdash$ | $\vdash$     | <del>  -</del> | $\vdash \vdash$ |
|           | 114               |          |          |        |    | $\vdash$ | $\vdash$ |              |                | $\vdash \vdash$ |
|           | 115               |          |          |        |    |          |          | _            |                | $\vdash$        |
|           | 116               |          | _        |        |    |          |          |              |                | $\dashv$        |
|           | 117               |          |          |        |    |          |          |              |                |                 |
|           | 118               |          |          |        |    |          |          |              |                |                 |
|           | 119               |          |          |        |    |          |          |              |                |                 |
|           | 120<br>121<br>122 |          |          |        |    |          |          |              |                |                 |
|           | 121               |          |          |        |    |          |          |              |                |                 |
|           | 122               |          |          |        |    |          |          |              |                |                 |
|           | 123<br>124        |          |          |        |    |          | ļ        |              |                |                 |
|           | 124               |          |          |        |    | <u> </u> |          |              |                |                 |
|           | 125               |          |          | _      |    | L        |          |              | _              |                 |
|           | 126<br>127        |          |          |        |    |          |          | -            |                |                 |
|           | 128               |          |          |        |    |          |          | -            | Н              |                 |
|           | 128<br>129        |          |          |        |    |          |          |              |                |                 |
| $\vdash$  | 130               |          |          |        |    |          |          | -            |                |                 |
|           | 131               |          |          |        |    | -        |          |              |                |                 |
|           | 132               |          |          |        | _  |          |          |              |                |                 |
|           | 133               |          |          |        |    |          |          |              |                |                 |
|           | 134               |          |          |        |    |          |          |              |                |                 |
|           | 135               |          |          |        |    |          |          |              |                |                 |
|           | 136               |          |          |        |    |          |          |              |                |                 |
| $\square$ | 137               |          |          |        |    |          | _        |              | $\square$      |                 |
|           | 138               |          |          |        |    |          | <u> </u> |              |                |                 |
|           | 139<br>140        | -        |          |        |    |          | <u> </u> |              | Н              |                 |
| ├─┤       | 140               | -        |          |        |    | $\vdash$ | <u> </u> | H            | $\vdash$       | $\dashv$        |
|           | 142               |          | $\dashv$ |        |    |          |          |              |                | $\dashv$        |
|           | 143               |          | -        |        |    |          |          | H            | Н              | $\dashv$        |
| $\vdash$  | 144               |          |          |        |    |          |          |              | $\vdash$       | $\dashv$        |
|           | 145               |          |          |        |    |          |          |              |                | $\dashv$        |
|           | 146               |          |          |        |    |          |          | П            |                | $\dashv$        |
|           | 147               |          | $\neg$   | $\neg$ |    |          |          |              |                | $\neg$          |
|           | 148               |          |          |        |    |          |          |              |                | $\Box$          |
|           | 149               |          |          |        |    |          |          |              |                |                 |
|           | 150               |          |          |        | _] |          |          |              | ]              |                 |